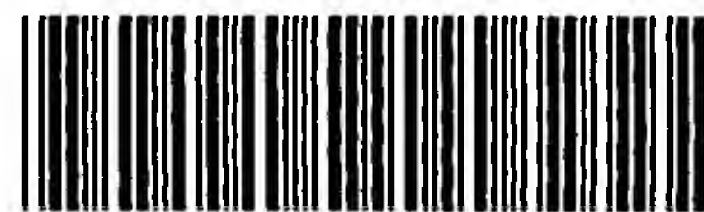


J. Seharaseyon



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/605,577

DATE: 11/24/2003

TIME: 11:02:46

Input Set : A:\MSB-7267SEQLIST 11-20-03.TXT

Output Set: N:\CRF4\11242003\I605577.raw

#27

4 <110> APPLICANT: Shanafelt, Armen B.
 5 Greve, Jeffrey M.
 6 Jesmok, Gary
 7 Lembach, Kenneth J.
 8 Wetzal, Gayle D.
 10 <120> TITLE OF INVENTION: IL-2 Selective Angonists and Antagonists
 13 <130> FILE REFERENCE: IL2 Sequence IDs 1-8
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/605,577
 16 <141> CURRENT FILING DATE: 1998-05-15
 18 <160> NUMBER OF SEQ ID NOS: 8
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 133
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
 28 Ala Pro Thr Ser Ser Ser Thr Lys Lys Thr Gln Leu Gln Leu Glu His
 29 1 5 10 15
 30 Leu Leu Leu Asp Leu Gln Met Ile Leu Asn Gly Ile Asn Asn Tyr Lys
 31 20 25 30
 32 Asn Pro Lys Leu Thr Arg Met Leu Thr Phe Lys Phe Tyr Met Pro Lys
 33 35 40 45
 34 Lys Ala Thr Glu Leu Lys His Leu Gln Cys Leu Glu Glu Glu Leu Lys
 35 50 55 60
 36 Pro Leu Glu Glu Val Leu Asn Leu Ala Gln Ser Lys Asn Phe His Leu
 37 65 70 75 80
 38 Arg Pro Arg Asp Leu Ile Ser Asn Ile Asn Val Ile Val Leu Glu Leu
 39 85 90 95
 40 Lys Gly Ser Glu Thr Thr Phe Met Cys Glu Tyr Ala Asp Glu Thr Ala
 41 100 105 110
 42 Thr Ile Val Glu Phe Leu Asn Arg Trp Ile Thr Phe Cys Gln Ser Ile
 43 115 120 125
 44 Ile Ser Thr Leu Thr
 45 130
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 465
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Homo sapiens
 53 <400> SEQUENCE: 2
 54 atgtacagga tgcaactcct gtcttgcatt gcactaagtc ttgcacttgt cacaacacagt 60
 55 gcacctactt caagttctac aaagaaaaca cagctacaac tggagcattt actgctggat 120
 56 ttacagatga ttttgaatgg aattaataat tacaagaatc ccaaactcac caggatgctc 180
 57 acattttaagt tttacatgcc caagaaggcc acagaactga aacatcttca gtgtctagaa 240

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/605,577

DATE: 11/24/2003

TIME: 11:02:46

Input Set : A:\MSB-7267SEQLIST 11-20-03.TXT

Output Set: N:\CRF4\11242003\I605577.raw

```

58 gaagaactca aacctctgga ggaagtgcta aatttagctc aaagcaaaaa ctttcactta 300
59 agacccaggg acttaatcag caatatcaac gtaatagttc tggaactaaa gggatctgaa 360
60 acaacattca tgtgtgaata tgctgatgag acagcaacca ttgtagaatt tctgaacaga 420
61 tggattacct tttgtcaaag catcatctca acactgactt gataa 465
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 30
65 <212> TYPE: DNA
66 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 3
69 cctcaactcc tgaattcatg tacaggatgc 30
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 31
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 4
77 ggaagcggat ccttatcaag tcagtgttga g 31
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 36
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 5
85 gcacttgtca caaacaccat ggcacctact tcaagt 36
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 28
89 <212> TYPE: DNA
90 <213> ORGANISM: Homo sapiens
92 <220> FEATURE:
93 <221> NAME/KEY: misc_feature
94 <222> LOCATION: 17, 18, 19
95 <223> OTHER INFORMATION: n = A,T,C or G
97 <400> SEQUENCE: 6
W--> 98 ggagcattta ctgctgnnt tacagatg 28
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 30
102 <212> TYPE: DNA
103 <213> ORGANISM: Homo sapiens
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <222> LOCATION: 15, 16, 17
108 <223> OTHER INFORMATION: n = A,T,C or G
110 <400> SEQUENCE: 7
W--> 111 gggacttaat cagcnnnatac aacgtaatag 30
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 28
115 <212> TYPE: DNA
116 <213> ORGANISM: Homo sapiens
118 <220> FEATURE:
119 <221> NAME/KEY: misc_feature
120 <222> LOCATION: 15, 16, 17

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/605,577

DATE: 11/24/2003

TIME: 11:02:46

Input Set : A:\MSB-7267SEQLIST 11-20-03.TXT

Output Set: N:\CRF4\11242003\I605577.raw

121 <223> OTHER INFORMATION: n = A,T,C or G

123 <400> SEQUENCE: 8

W--> 124 ggattacctt ttgtnnnagc atcatctc

28

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/605,577

DATE: 11/24/2003
TIME: 11:02:47

Input Set : A:\MSB-7267SEQLIST 11-20-03.TXT
Output Set: N:\CRF4\11242003\I605577.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 17,18,19
Seq#:7; N Pos. 15,16,17
Seq#:8; N Pos. 15,16,17

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/605,577

DATE: 11/24/2003

TIME: 11:02:47

Input Set : A:\MSB-7267SEQLIST 11-20-03.TXT

Output Set: N:\CRF4\11242003\I605577.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0